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APPROVAL OF UNDP ASSISTANCE TO A PROJECT OF THE GOVERNMENT OF INDONESIA

River Forecasting

(INS/78/038)

Report of the Administrator*

Date of present approval:	April 1979
Starting date of project activities:	July 1979
Planned completion date:	July 1981
To be executed by:	World Meteorological Organization (WMO)
Government implementing agency:	Institute of Hydraulic Engineering
Estimated cost of assistance planned under present approval:	$370 900
Source of UNDP financing:	Indicative Planning Figure (IPF)

I. Background

1. Indonesia, with a population of 130 million, ranks as the fifth most populous country in the world. The development of water resources is one of the principal objectives of Indonesia's development. It is only recently that conservation has been attempted for the co-ordinated development and optimum utilization of water resources for raising crops, generating hydro-electric power and reducing flood damage. During the second Five-Year Development Plan (REPELITA II), the development of

*In accordance with General Assembly resolution 2688 (XXV) and subsequent authorizations of the UNDP Governing Council, reports are issued seriatim on the approval of UNDP assistance of $250,000 or more (including, if any, assistance financed by Government or by third-party cost sharing).

rural areas primarily based on an expansion of agriculture through irrigation has been prominently emphasized.

II. Objectives and activities

2. In conformity with the objectives of the Third Five-Year Development Plan (REPELITA III) which stresses the important role of the water resources development the project is expected to assist the Institute of Hydraulic Engineering in achieving efficiency and self-reliance in river forecasting, developing forecasting models for single and series on reservoir inflow, and flood forecasting models for rivers. This would provide, through adequate and timely river forecasts, for more efficient reservoir operations and more economical use of water in the operation of storage projects, especially those which are multi-purpose in nature.

3. The immediate objectives of the project are to assist in the reservoir and river forecasting, to be carried out on an experimental basis, by establishing a forecasting model and reporting network to forecast the inflow into the Jatiluhur reservoir; and provide assistance and services to the Government agencies concerned in the operation.

4. A special consideration of the project in addition to the pursuit of its objectives, is the promotion of technical co-operation among developing countries.

III. Inputs

5. The UNDP contribution to the project will cover the services of an international team of experts and consultants, training, equipment and miscellaneous items.

6. The Government will provide technical support services as well as accommodation, transportation and storage facilities.

IV. Financial data

7. The expenditure components of the planned assistance are as follows:

	$
Personnel	283 400
Training	31 000
Equipment	46 500
Miscellaneous	10 000
	370 900

8. The estimated total value, expressed in U.S. dollars, of inputs provided directly by the Government to the project is $179,200 in kind.

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